

## Coiled Tubing CT100 1.750

Designation		Wall Thickness		Mass per Unit Length	Calculated Inside Diameter	Tubing Area (Sq.in)		Tube Load Body		Internal Pressure (psi)		Collapse Strength	Internal Capacity per 1000ft		Torsional Yield	
		Specified	Min			W/min.	Internal min.	Yield min	Tensile min	Hydro Test 90%	Internal Yield min.					
OD	WT	inch	inch	lb/ft	inch	inch <sup>2</sup>	inch <sup>2</sup>	lb	lb	psig	psig	psig	gal	bar	ft.lbs	
1-3/4	1.750	0.095	0.095	0.090	1.68	1.560	0.469	1.936	49,400	53,300	9,300	10,300	6,000	99.23	2.36	1783
	1.750	0.102	0.102	0.097	1.80	1.546	0.504	1.902	52,800	57,000	10,100	11,200	7,400	97.45	2.32	1898
	1.750	0.109	0.109	0.104	1.91	1.532	0.538	1.867	56,200	60,700	10,400	11,600	8,100	95.70	2.28	2011
	1.750	0.118	0.118	0.113	2.06	1.514	0.581	1.824	60,500	65,300	11,300	12,500	9,500	93.46	2.23	2151
	1.750	0.125	0.125	0.118	2.17	1.500	0.605	1.800	63,800	68,900	12,000	13,300	10,900	91.74	2.19	2226
	1.750	0.134	0.134	0.127	2.31	1.482	0.648	1.758	68,000	73,500	12,800	14,200	12,400	89.55	2.13	2359
	1.750	0.145	0.145	0.138	2.49	1.460	0.699	1.706	73,100	79,000	14,000	15,500	14,500	86.91	2.07	2514
	1.750	0.156	0.156	0.148	2.66	1.438	0.745	1.660	78,100	84,400	15,100	16,800	15,600	84.31	2.01	2650
	1.750	0.175	0.175	0.167	2.95	1.400	0.831	1.575	86,600	93,500	16,700	18,500	17,100	79.92	1.90	2892
	1.750	0.188	0.188	0.180	3.14	1.374	0.888	1.517	92,300	99,600	17,700	19,700	18,200	76.97	1.83	3048
	1.750	0.204	0.204	0.194	3.37	1.342	0.948	1.457	99,100	107,000	19,300	21,400	19,600	73.43	1.75	3205
	1.750	0.224	0.224	0.214	3.65	1.302	1.033	1.373	107,400	116,000	21,100	23,400	21,300	69.12	1.65	3414
1.750	0.250	0.250	0.240	4.01	1.250	1.139	1.267	117,800	127,200	23,600	26,200	23,600	63.71	1.52	3658	

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Jiangsu Tube Solution Co., Ltd.  
The other coiled tubing supplier

### Chemistry Composition

C,% 0.16 max Mn,% 1.65 max P,% 0.025 max S,% 0.005 max Si,% 0.50 max

Contact: sales@tubemfg.com

### Mechanical Properties

Tensile Strength: 108,000psi (758MPa) min

Yield Strength: 100,000psi (689MPa) min

Hardness: 28HRC max

Tensile strength & yield strength minimum are calculated on specified wall.

Other dimensions are available on request.